Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-12 – (Canceled)

13. (Currently Amended) A computer implemented method for creating, formatting or editing a database for representing a three dimensional physical environment where a wireless communications network [[may]] will be deployed, comprising the steps of:

[[a)]] accepting at least one raster image representing a physical environment in which an in-building or campus communications network is or will be deployed;

[[b)]]verifying the sufficiency of said at least one raster image to provide a useful definition of said three dimensional physical environment, said verifying step producing a verified set of data defining said three dimensional physical environment, wherein said verifying the sufficiency step includes scaling said at least one raster image; ~~and~~

notifying a user of results of said verification of sufficiency~~, said verifying step producing a verified set of data defining said three dimensional physical environment, wherein said verifying the sufficiency step includes scaling said at least one raster image~~;

[[c)]] using the resulting verified set of data to generate at least one formatted drawing or a set of formatted data which includes at least one or more objects for use in and being transportable to a communications engineering or network management application; and

[[d)]] rendering a three dimensional view representative of said physical environment using the drawing or set of formatted data having the at least one or more objects.

14. (Currently Amended) The method of claim 13 wherein said ~~notifying performed in said verifying and said~~ notifying step is automatically performed ~~in an automatic fashion~~ without feedback being provided to the user.

15. (Currently Amended) The method of claim 13 wherein said ~~notifying performed in said verifying and~~ notifying step is performed by prompting the user and, when required to provide said useful definition, requires the user to correct any insufficiencies in response to an insufficiency notification received via the computer.

16 (Original) The method of claim 13 wherein said communications engineering or network management application is selected from the group consisting of one or more of wireless propagation prediction, measurement tools, component placement or layout visualization tools, optimization tools, bill of materials generating tools, and network performance management or prediction tools.

17 (Original) The method of said claim 13 further comprising the step of adding or deleting at least one object in said at least one formatted drawing or said set of formatted data.

18 (Original) The method of claim 13 further comprising the step of editing at least one object in said at least one formatted drawing or said set of formatted data.

19 (Original) The method of claim 13 further comprising the step of moving at least one object in said at least one formatted drawing or said set of formatted data.

20. (Original) The method of claim 13 further comprising the step of removing extraneous objects from said at least one raster image.

21. (Original) The method of claim 13 further comprising the step of tracing and adding a traced object to said at least one formatted drawing or said set of formatted data.

22. (Original) The method of claim 21 wherein either or both of said steps of tracing and adding are performed before said verifying step.

23. (Original) The method of claim 13 further comprising modifying at least one of electrical properties, physical properties, aesthetic properties, and spatial configuration of at least one object.

24. (Original) The method of claim 23 further comprising the step of moving an object in said set of formatted data or said at least one formatted drawing.

25. (Original) The method of claim 13 further comprising the step of editing or modifying an object in said set of formatted data or said at least one formatted drawing.

26. (Original) The method of claim 13 further comprising the step of removing extraneous objects from said one or more objects.

27. (Original) The method of claim 13 further comprising the step of tracing and adding data representing a traced object.

28. (Original) The method of claim 13 further comprising the step of adding measurements to said at least one formatted drawing or said set of formatted data.

29. (Original) The method of claim 13 further comprising the step of adding measurements to said verified set of data.

30. (Original) The method of claim 13 further comprising the step of specifying or invoking a propagation model for performing predictions of performance.